

# If you...

## Visited with WATER Center staff

### **Digging Through the Past**

#3. *Career Exploration*

Learn about a geology-related career. During the field trip girls will be speaking with a guide that is trained in hydrogeology and what careers are a part of the WATER Center

## Visited the treatment building

### **Eco-Action**

#3. *Skill Builders*

**\*Follow Up: Girls must share their findings on the Gilbert-Mosley project with others through a presentation, hands-on activity, debate or display. Girls may reserve the Gilbert-Mosley Discovery Box in order to complete this task.**

Environmental problems do not have boundaries. Girls will learn how the Gilbert-Mosley groundwater pollution spreads under the city and could have impacted other communities. Girls will investigate the short-term and long-term effects. \*

## Walked the creekside trail to the Arkansas River

### **Wildlife Wildlife**

#1. *Skill Builders*

#2. *Skill Builders*

**\* Follow Up: Girls should record the temperature, date, time of day and weather conditions. Girls should create sketches of some of the plant life.**

Girls will visit the area and conduct a field ecological study by discussing what they see, hear, feel and smell along the creek. Girls will identify flowers, shrubs and trees along the creek \*

### **Writing for Real**

#3. *Skill Builders*

Girls will read the poetry along the trail and will compose their own poem about water. \*

**\* Follow Up: Write your own poem and share it with family and friends.**

## Investigated the creek – water testing or invertebrate collection

### **Eco Action**

**From Shore to Sea**

**Math, Maps & More**

#5. *Skill Builders*

#1. *Service Project*

#3. *Service Project*

**\*Follow Up: Girls will use the water quality information they have gained to develop a plan to improve surface water conditions.**

Understand what is considered pollution sources for surface water. Girls will look for any pollution sources along the stream. Girls will infer the water quality of the stream through either chemical tests or macroinvertebrate collections. Girls will provide their data to WATER Center staff for review. \*

## Investigated the displays in the WATER Center's exhibit room

### **Plant Life**

#4. *Technology*

**Available in 2008 after exhibit installation.** Learn about different types of watering techniques. Girls will understand the difference and see examples of evapo-transpiration irrigation versus timer irrigation.

### **Plant Life**

#2. *Skill Builders*

**Available in 2008 after exhibit installation.** Learn about soil types. Girls will see the three types of soil that are the building blocks of the soils in Kansas. Girls will learn how the ratio of each impacts plants, water and the watershed.

### **Museum Discovery**

#1. *Skill Builders*

**\* Follow Up: Girls will discuss what changes they would make to the museum.**

Girls will tour the museum and asked to look behind the scenes. Girls will also inquire on the mission of the facility and the plans for future exhibits. \*

The WATER Center offers many opportunities for visitors to learn about water, conservation, aquatic wildlife, and pollution prevention.

Inside the Center visitors can tour the museum, speak to a Water Quality Professional, or participate in a water education program. Please call the Center for a current schedule of programs.

See Wichita's largest public aquarium! The 11,000-gallon aquarium is filled with Kansas' fish, many of which come from the Arkansas River. Learn about the diversity of our rivers and streams. See what other fish can be found in our state's waters.

Take a walk along the creek to find out about the aquatic food web, buffer strips, and wetlands. View waterfowl, fish and other "critters" that have made the WATER Center their home.

The WATER Center's museum is open Mondays, Wednesday and Fridays from 1:00 p.m. – 4:30 p.m. The Center is closed on holidays.

**WATER Center**

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[www.wichita.gov/CityOffices/Environmental/WATERCenter/](http://www.wichita.gov/CityOffices/Environmental/WATERCenter/)



The WATER Center is a project of  
the Department of  
Environmental Services  
“Protecting Health –  
Preserving the Environment”



# THE WATER CENTER

*Cadette  
& Senior*  
**Girl Scouts**  
Field Trip Interest Points